



3rd Annual

# BORDER MANAGEMENT™

## Southwest

May 21 – 23, 2012  
Hilton Tucson

El Conquistador Resort, Tucson, AZ

Forge partnerships  
with a community  
of border  
management  
experts

### Don't miss your best opportunity of the year to:

- **Find** out the priorities and needs of a wide variety of government stakeholders
- **Discover** how agencies are working together to battle violent crime on the border
- **Understand** the latest science and technology developments for border use including biometrics advances
- **Discuss** solutions for overcoming detection and surveillance challenges and bridging resource gaps

### Tackle the latest border challenges with:

**Maj Gen Michael C. Kostelnik, USAF (ret)**, Assistant Commissioner, U.S. Customs and Border Protection, Office of Air and Marine

**Michael J. Fisher**, Chief of the U.S. Border Patrol

**USM David P. Gonzales**, U.S. Marshal for Arizona District

**Jeffrey B. Stirling**, Acting Chief Special Operations Division/ATF National Coordinator Southwest Border

**Richard A. Barlow**, Chief Patrol Agent, U.S. Border Patrol, Tucson Sector

**Doug Coleman**, Special Agent in Charge, U.S. Drug Enforcement Administration (DEA), Phoenix Division

**James Turgal**, Special Agent in Charge, FBI, Phoenix Division

*And many more!*

**Featuring** in-depth sessions on R&D  
taking place in the Southwest! See p. 3.

*I really like the intimacy of the IDGA events and have encouraged other members of my company to attend specific events. The access to speakers and ability to dialog with them in the smaller setting is a great benefit – Riverside Research*

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## Southwest

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Tucson, AZ

The US Southwest border continues to be plagued with violence and illegal activity. Law enforcement officials are tasked with maintaining order and apprehending criminals along the nearly 2,000 mile long border with Mexico. Of this, there is “effective control” of less than 700 miles and an ability to prevent or stop illegal entries along only 129 miles of the border. However, **officials are faced with decreased budgets and not enough human resources. How do they protect the US and stay safe themselves?**

In its **3rd year**, IDGA's **Border Management Summit Southwest** brings together thought leaders and key policymakers across local, state and federal law enforcement, the DHS, and international government organizations, to discuss current and future border security initiatives.

### What's new in 2012?

- Combating violent crime on the border panel discussion featuring Special Agents in Charge from ATF, DEA, and FBI
- Comprehensive Border Patrol coverage – from Chief of the Border Patrol to Chief Patrol Agent of the Tucson Sector
- In-depth sessions on border technology R&D taking place in the Southwest
- Biometrics panel discussion
- Overarching focus on interagency cooperation
- And more!

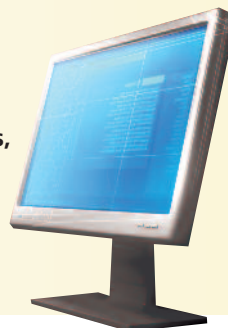
Don't miss the opportunity to discover new solutions and create partnerships in this high-level yet intimate setting that allows for true dialogue and information sharing.

You won't want to miss a minute of the summit! Visit **[www.BorderManagementSummit.com/Southwest](http://www.BorderManagementSummit.com/Southwest)** for more information and to register for this premier community event.

## STAY CONNECTED!

Visit **[www.BorderManagementSummit.com/Southwest](http://www.BorderManagementSummit.com/Southwest)** today to:

- Register for the event
- Download the complete program agenda
- View the complete speaker roster and biographies
- Gain free access to relevant podcasts, videos, articles, interviews, whitepapers, and past presentations at our resource center
- Learn more about the location, venue, and hotel discounts
- Learn more about our sponsors, exhibitors, and media partners
- Plus much more!



### Who You Will Meet:

IDGA's 3rd Annual Border Management Southwest is a forum on the challenges, requirements and potential solutions for the development and deployment of border protection. You will have an unparalleled opportunity to interact and network with a close-knit community of top government, academic, and private sector leaders with job functions such as:

- Assistant Commissioner
- Special Agent in Charge
- Program Manager / Director
- Technical Director
- Senior Electronics Engineer
- Chief Design Engineer
- Sector Chief
- Patrol Agent
- Principal Sensor Systems Engineer
- Chief Technology Officer
- Chief Scientist

### About IDGA:



The Institute for  
Defense & Government  
Advancement (IDGA) is

a non-partisan information based organization dedicated to the promotion of innovative ideas in public service and defense. We bring together speaker panels comprised of military and government professionals while attracting delegates with decision-making power from military, government and defense industries.

In addition to our live events, IDGA offers an online community dedicated to providing defense industry professionals with industry analysis and insights through podcasts, videos, webinars, articles, and presentations from key industry leaders. Members of our online community are able to extend their live event experience and interact with the defense industry by leveraging the opportunity to network, share ideas, best practices, and business solutions. Join our community today at [www.idga.org](http://www.idga.org).

Join us on **LinkedIn** at  
<http://www.LinkedIn.com/groups?gid=2479269>

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Follow us on **twitter** at  
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# BORDER SECURITY TECHNOLOGIES FOCUS DAY

Monday, May 21, 2012

Don't miss this in-depth workshop on emerging border technologies from leading subject matter experts. During this focus day, you can expect smaller, classroom-style sessions and intensive discussions with distinguished class leaders and fellow attendees

8:30am – 9:00am Registration and Coffee

9:00am – 10:30am

Tucson Border Technology Advances

## Meeting the Challenge of the Border – Border TEC at the UA Tech Park

The primary challenge of the U.S.-Mexico border is securing it while facilitating legitimate trade and commerce, and this session will address this through discussing various modern technology solutions. The UA Tech Park through its Border TEC program is helping to identify, evaluate, test and deploy new border security technologies developed by companies, universities and governments.

### What will be covered?

- Overview of the Border TEC Program at the UA Tech Park

- Discussion of the importance of identifying, testing and deploying new border technologies
- Efforts to develop a border technology industry cluster in Southern Arizona

### How will you benefit?

- Discover a new model to bring industry, government and academia together to address a major national issue

### Session Leader:

**Bruce A. Wright**, Associate Vice President for University Research Parks, The University of Arizona

10:30am – 12:00pm

Essential Info on Emerging Technology

## Communications as Infrastructure, Technology, and Staff Force Multiplier in Trade and Tourism Facilitation and Border Security Operations

A recent study analyzed the effectiveness of the various border security technologies to find the most crucial elements. NACTS surveyed border security professionals, security specialists, law enforcement officers, members of academia and technology experts. They compiled a comprehensive list of vital border security technologies ranging from surveillance cameras to radio repeaters and portable fingerprint scanners to compare them.

NACTS also designed a system dynamics model to analyze these tools' effectiveness and overlay them at the points of interest at the border. After over 40 interviews, a collection of technologies known as Command, Control, Communication, Computers, Intelligence, Surveillance, and Reconnaissance (C4ISR) was found to be the strongest force multiplier along the border. It allows for efficient communication and intelligence sharing between agencies, more cost-effective operations, stronger operational control of the border, and increased productivity of personnel, infrastructure and technologies.

### What will be covered?

- Technology to enhance border security and international trade: The nation has invested in staffing, infrastructure, and technology to control contraband flowing across the land border and at ports
- Which technology has worked and what needs to be invested in next

### How will you benefit?

- Discover how your organization fits into the overall infrastructure of the recommended findings
- Learn how the findings can result in a more comprehensive collection of intelligence gathering technologies creating a force multiplier

### Session Leader:

**D. Rick Van Schoik**, Director, North American Center for Transborder Studies, Arizona State University

12:00pm – 1:00pm Lunch

1:00pm – 2:30pm

New Tech from the University Of Arizona

## AVATAR for Credibility Assessment in Border Management Environments

This presentation will discuss the improved effectiveness and efficiency of credibility assessment in the border environment through the use of AVATAR kiosks. Automated agents (AVATARS) can assist border management officials by automating credibility screening processes and freeing personnel to focus on mission-critical tasks. Because AVATAR kiosks can be replicated, they function as force multipliers to alleviate the traffic load on officers and improve their decision-making. As operational demands increase, the current model of one officer/agent conducting one interview at a time is unsustainable.

### What will be covered?

- How the kiosks conduct interviews provide real-time feedback to officers using AVATAR's sensor data
- Officers' ability with this technology to monitor 4-8 AVATAR kiosk stations simultaneously
- How AVATAR provides an effective solution through its ability (unlike humans) to perform multiple interviews with the equal levels of vigilance each time.
- AVATAR's ability to detect cues of deception and malicious intent that are not perceptible to human senses

### How will you benefit?

- Discover how cutting edge advancements in non-invasive next-generation polygraph technologies can be used to enhance border management
- Learn how these techniques can expedite border crossing by segmenting high-risk and low-risk populations
- Understand how credibility assessment cues (linguistics, vocalics, kinesics, psychophysiological, etc.) can provide decision support to officers and agents.
- Learn how AVATAR kiosks can be customized for a variety of credibility assessment settings.

### Session Leaders:

**Dr. Jay F. Nunamaker**, BORDERS Director and Principle Investigator; Regents' and Soldwedel Professor of MIS, CS and Communication at the University of Arizona

**Dr. Elyse Golob**, BORDERS Executive Director at the University of Arizona

2:30pm – 4:00pm

Biometrics Advances

## Use of Mobile Biometric Identification Technologies in Homeland Security 1st Responder Law Enforcement Operations

Mobile Biometric Identification Technologies are being used by a number of federal, state and local jurisdictions. This presentation will discuss the future use of advanced mobile identification technologies based on pilot projects sponsored by the Department of Homeland Security Science and Technology Directorate/Human Factors Division and managed by Sandia National Laboratories.

### What will be covered?

- Lessons learned in the design and implementation of mobile biometric device pilot testing
- Benefits to 1st Responder Law enforcement operations and investigations
- Biometric modalities and the shape of future operational environments

### How will you benefit?

- Learn about recent operational experiences using advanced mobile biometric devices
- Better understand the potential and challenges for wider use of mobile identification technologies

### Session Leader:

**Chris Aldridge**, Principal Member Technical Staff, Systems Research and Analysis Department, Sandia National Laboratories



# DAY ONE: MAIN SUMMIT

Tuesday, May 22, 2012

7:15 Registration and Coffee

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8:00 **Chairperson's Welcome and Opening Remarks**

**Manny Mora**, Senior Vice President,  
Strategic Business, Development & Integration,  
General Dynamics C4 Systems

**GENERAL DYNAMICS**

8:10 **Keynote Address from the Chief of the U.S. Border Patrol**

- Border Patrol overview of the current state of the border – successes, challenges, and threats

**Michael J. Fisher**, Chief of the U.S. Border Patrol

8:50 **Securing the Border: Challenges to a Bi-National Response**

- Establishing and sustaining the political environment
- Instituting enforcement partnerships
- Leveraging shared technologies

**Alonzo R. Pena**, Senior Principal Subject Matter Expert,  
ManTech International Corporation, (Former Deputy Director,  
U.S. Immigration and Customs Enforcement)

9:30 **Tucson Sector Update**

- Tucson sector threats and challenges
- Tucson sector overview
- Attacking criminal organizations

**Richard A. Barlow**, Chief Patrol Agent, U.S. Border Patrol,  
Tucson Sector

10:10 Networking Break

**ManTech**  
International Corporation

10:55 **Science and Technology in Support of Border Security**

- S&T innovations for borders and maritime

**David Masters**, Senior Program Advisor, DHS Science  
& Technology

11:35 **DHS Initiatives in Interoperability and Wireless Communications**

- Multi-band radio technology
- Our work on LTE for the Nationwide Public Safety Broadband Network
- Continuing P25 standards and compliance work

**David G. Boyd, Ph.D.**, SES, Director, Office for Interoperability  
and Compatibility and Director, Technology Transfer  
First Responders Group, Science and Technology Directorate,  
Department of Homeland Security

12:15 Lunch

1:15 **DHS Business Needs and Drivers**

- Small business opportunities and partnerships with DHS
- Top commodities and services
- Changes in IT procurement strategy

**J. William Weinberg**, Deputy Director, Office of Acquisition  
Management, US Immigration and Customs Enforcement (ICE)

1:55 **Non-Lethal Weapon Technologies and Their Potential Application in Border Enforcement Operations**

- Non-Lethal Effects
- Land-centric systems
- Maritime-centric systems

**Col Paul Scholl, USAF**, Capabilities and Requirements Division  
Chief, Joint Non-Lethal Weapons Directorate

2:35 **Biometrics Panel Discussion**

Biometrics stakeholders from various government programs  
discuss current efforts, challenges, future needs and what they  
are looking for from industry.

**Panelists and Moderator TBD**

*See website for confirmed panelists.*

3:35 Networking Break

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4:20 **DARPA Mind's Eye Program: The Way Ahead for Visual Intelligence**

- The key technical challenges to robust automated surveillance
- Approaches to next-generation video analytics
- Future capabilities for surveillance systems

**Jim Donlon**, Program Manager, DARPA

5:00 **Low-Cost Technologies for Border Management Panel**

Discover the possibilities for low-cost solutions to detection  
and surveillance challenges! Learn from emerging researchers.

Panelists include: **Dr. Franz Busse**, MIT Lincoln Laboratories

*See website for additional panelists.*

6:00 End of Main Summit Day One

OPENING KEYNOTE

DHS KEYNOTE SESSIONS

CUTTING EDGE TECHNOLOGY



# DAY TWO: MAIN SUMMIT

Wednesday, May 23, 2012

7:30 Registration and Coffee

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International Corporation

## 8:00 Chairperson's Opening Remarks

**Manny Mora**, Senior Vice President,  
Strategic Business, Development & Integration,  
General Dynamics C4 Systems **GENERAL DYNAMICS**

KEYNOTE

## 8:10 Evolving Role of the UAS in Border Security

**Maj Gen Michael C. Kostelnik, USAF (ret)**, Assistant  
Commissioner, U.S. Customs and Border Protection, Office of  
Air and Marine

## 8:50 Fostering Technology Innovation with a Limited Budget: How Agencies like DHS can Keep Industry Focused on Their Mission and Requirements

- Checking your backyard first: Are there existing programs, capabilities or contracts within the Government?
  - Presentation Example: USCG Rescue 21
- Getting research and development for Free: The EDGE Innovation Network
  - Presentation Example: P3 Mission Control Suite

**Manny Mora**, Senior Vice President, Strategic Business  
Development & Integration, General Dynamics C4 Systems

## 9:30 FAA Unmanned Aircraft Program Update

**Richard Prosek**, Manager, Unmanned Aircraft Program Office,  
FAA

**Randy Willis**, Acting Manager, Unmanned Aircraft Systems  
Group, FAA

## 10:10 Networking Break

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## 10:55 Joint Task Force North's Work Partnering to Achieve Border Safety

- U.S. and Mexico Theater Security Cooperation Update
- Countering drug trafficking and violence through collaboration
- Solving common border issues with bi-national interoperability

**COL Bart Bartholomaus, USA**, Deputy Commanding Officer,  
JTF-North

## 11:35 US Marshal for Arizona District Keynote

**USM David P. Gonzales**, U.S. Marshal for Arizona District

## 12:15 Lunch

1:15

## Violent Crime on the Border Panel Discussion

Hear straight talk from the Special Agents in Charge from ATF, DEA, and FBI!

**Jeffrey B. Stirling**, Acting Chief Special Operations Division/ATF  
National Coordinator Southwest Border

**Doug Coleman**, Special Agent in Charge, U.S. Drug  
Enforcement Administration, Phoenix Division

**James Turgal**, Special Agent in Charge, FBI, Phoenix Division

**DON'T MISS THIS INTERACTIVE SESSION WITH THOSE ON THE FRONT LINES OF THE BORDER WAR:** This Sheriff panel is comprised of local out-spoken leaders who have first-hand experience of what works and what doesn't – whether it be technology, intelligence or operations related. **This is a MUST ATTEND session!**

SOUTHWEST BORDER SHERIFF PANEL

2:15

## Battling Gang Violence on Both Sides of the Southwest Border

- Current initiatives at the local level to reduce gang violence from coming across the border
- Mexican border town cooperation and collaborative efforts
- Deterrence measures – how, when and where it's appropriate

Panel members:

**Larry Dever**, Sheriff, Cochise County, AZ and President,  
Southwestern Border Sheriff's Coalition

**Sigi Gonzalez**, Sheriff at Zapata County (Laredo, Texas Area)

**Richard Stanek**, Hennepin County Sherriff (Minnesota's  
largest county)

3:15

## Networking Break

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4:00

## Partnerships + Vision = Success<sup>2</sup>

- Strategically leverage local, state and federal assets and resources to achieve a layered and coordinated law enforcement approach to addressing border-related crimes.
- Working within our legal authorities, collaborate in meaningful ways to address border securities issues in an integrated manner
- How to break down silos and turn competition into "COOPETITION" to achieve crime control strategies.

**Captain David Myers**, San Diego Sheriff's Department, Special  
Investigations Division

DON'T MISS!

4:40

## GAO's Work on Border Security Issues

- Discuss GAO's portfolio of work on border security efforts

**Rebecca Gambler**, Acting Director, Homeland Security and  
Justice Issues, Government Accountability Office (GAO)

5:20

## End of Main Summit

## Location & Lodging Information



**Hilton Tucson  
El Conquistador Resort**  
10000 North Oracle Road  
Tucson, AZ, United States 85737  
Reservations: 1-800-325-7832  
Website: [www.hiltonelconquistador.com](http://www.hiltonelconquistador.com)

**Group Rate** - \$103 +15.05% tax per night (single/double occupancy) Please identify you are part of the **"IDGA – Border Southwest"** group and make your reservation before **April 30, 2012** to ensure you are eligible for the group rate.

## Sponsorship and Exhibition Opportunities still available!

Sponsorship and Exhibits are excellent opportunities for your company to showcase its products and services to high-level, targeted decision makers. IDGA help companies like yours achieve sales, marketing and branding objectives by setting aside a limited number of event sponsorships and exhibit spaces – all of which are custom tailored to help your company create a platform for maximum exposure.

For more information please contact **Tom Boccard** at **646-253-5517** or [sponsorship@idga.org](mailto:sponsorship@idga.org).

*Great set of topics; excellent speakers  
/presentations; diverse technologies and  
applications were excellent*

– Lockheed Martin Radar Systems

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## 5 Easy Ways to Register Now!

**Web:** [www.BorderManagementSummit.com/Southwest](http://www.BorderManagementSummit.com/Southwest)

**Email:** [info@idga.org](mailto:info@idga.org)

**Phone:** **1-800-882-8684**

**Fax:** **646-378-6025, 24 hours a day**

**Mail:** **IDGA**  
**535 5th Avenue, 8th Floor**  
**New York, NY 10017**

### Pricing

	Register by 2/24/2012	Register by 3/16/2012	Register by 4/6/2012	Standard Price
All Access Pass	(Save \$300) \$1,535	(Save \$200) \$1,635	(Save \$100) \$1,735	\$1,835
Two Day Main Summit	(Save \$300) \$990	(Save \$200) \$1,090	(Save \$100) \$1,190	\$1,290
Focus Day Only	\$645			

SOCO ADVISORY 09-03: 7.(a) Admission fees of \$645 per day or less for all attendees are considered reasonable costs worldwide for the purposes of JER 3-211 (a)(7).

### Team Discounts

Number of Attendees:	Savings of:
3 to 4	10%
5 or more	15%

\* Discounts apply to registrations submitted together, at the same time. Cannot be combined with any other discount.

### Dress Code:

Military personnel are kindly requested to be in uniform. Appropriate attire for Industry is business casual.

### MAKE CHECKS PAYABLE TO: IDGA

A \$99 processing charge will be assessed to all registrations not accompanied by credit card payment at the time of registration.

\* CT residents or people employed in the state of CT must add 6.35% sales tax.

### Details for making payment via EFT or wire transfer:

JPMorgan Chase  
Penton Learning Systems LLC dba IQPC: 937332641  
ABA/Routing #: 021000021  
Reference: Please include the name of the attendee(s) and the event number: 18587.003

**Payment Policy:** Payment is due in full at the time of registration and includes lunches and refreshments. Your registration will not be confirmed until payment is received and may be subject to cancellation.

**Please refer to [www.idga.org/cancellation](http://www.idga.org/cancellation) for cancellation, postponement and substitution policy**

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Phone \_\_\_\_\_ Fax \_\_\_\_\_

E-Mail \_\_\_\_\_

Approving Manager \_\_\_\_\_

Please register me for: ☐ All Access Pass ☐ Main Summit ☐ Focus Day *See Page 6 for pricing details.*

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